

A² 1. (amended) An aluminosilicate glass exhibiting a density less than about 2.45 g/cm³ and a liquidus viscosity greater than about 200,000 poises, the glass consisting essentially of the following composition as calculated in mol percent on an oxide basis: 65-75 SiO₂, 7-13 Al₂O₃, 5-15 B₂O₃, 0-3 MgO, 5-15 CaO, 0-5 SrO, and essentially free of BaO, wherein the glass has a linear coefficient of thermal expansion (CTE) over the temperature range 0-300°C between 28-33 X 10⁻⁷/°C.

A³ 4/5. (amended) The glass of claim 1, wherein the glass has a strain point greater than about 660°C.

5/6. (amended) The glass of claim 1, wherein the glass has a melting temperature less than about 1700 °C.

13 18. (amended) The glass of claim 13, wherein the glass has a strain point greater than about 660°C.

13 16/19. (amended) The glass of claim 13, wherein the glass has a melting temperature less than about 1700 °C.

A⁴ 17/20. (amended) The glass of claim 13, wherein the glass has a liquidus viscosity greater than 400,000 poises.

18/21. (amended) The glass of claim 13, wherein the glass has a liquidus viscosity greater than about 800,000 poises

19/22. (amended) In a flat panel display device, the improvement comprising a substrate in accordance with claim 13.

23 30. An aluminosilicate glass comprising in mol percent on an oxide basis: 65-75 SiO₂, 7-13 Al₂O₃, and 5-15 B₂O₃, wherein:

A⁵ (a) said glass has a RO/Al₂O₃ ratio between 0.9 and 1.2, wherein R represents Mg, Ca, Sr, and Ba;

(b) the glass has a CaO concentration between 5 mol percent and 15 mol percent on an oxide basis; and